

SUSTAINABILITY OPPORTUNITIES

In This Issue

A Look Back Before We Look Ahead

Internal NASA Links

Upcoming Events

Featured Story: *International Celebrations*

How Can I Be More Sustainable?

Find this online at <http://www.nasa.gov/centers/johnson/about/sustainability>

APR 2016



2016 MONTHLY FOCUS AREAS

January & February
LAND

July & August
AIR

March & April
WATER

September & October
ENERGY

May & June
PEOPLE

November & December
MATERIALS

JSC-Sustainability@mail.NASA.gov

SUSTAINABILITY OPPORTUNITIES

APR 2016

GASA @ NASA

A LOOK BACK BEFORE WE LOOK AHEAD

The enthusiasm of thirteen students and six JSC volunteers built two garden beds at the Longhorn Project on March 26th. Cardboard was laid to inhibit weed growth. The new student club, GASA, which stands for Gardening, Agriculture, Sustainability and the Arts, will be responsible for the garden maintenance. The majority of students are from the CCISD, including Clear Horizons. A junior from Clear Horizons is completing his independent study by constructing a demonstration “wicking” garden bed. By capillary action, dry soil and roots pull water from a reservoir installed beneath the soil. This technique reduces evaporation and irrigation.



Read the FY2016
Sustainability Engagement
Strategy to discover ways to
live, work, and play more
sustainably.

JSC's Environmental Webpage
How do I monitor the energy usage in my JSC building?
JSC Environmental Brown Bag Presentations
JSC Environmental Newsletter Archives

INTERNAL PHOTOS & LINKS



UPCOMING EVENTS

APR 2016

NOTE: Italics indicate a JSC internal event

Bike To Work Day @ JSC will be on May 19th! [Register](#) early to participate in practice rides.

Green Engineering is coming in May! [Learn](#) the how and why of sustainable design processes.

Apr 2nd – Trash Bash 2016!

Join local volunteers to help remove trash in and around our waterways. [Register](#) the day of at Bay Area Park.

8:30AM – 1:00PM

7500 Bay Area Blvd., Pasadena, TX 77586

Free Day in Nature, Every 1st & 3rd Sunday

Hike the trails (guides available). View the prairie, forest, marshes, and reptiles on display.

12:00 – 5:00PM

Armand Bayou Nature Center

Further info: (281) 474-2551x10 or www.abnc.org

Every Wednesday – Nassau Bay Farmer's Market

Enjoy organic produce and other products just across the street!

3:00 – 6:00PM

Upper Bay Rd., Nassau Bay, TX 77058

POC: Ann Rogers

Apr 12th - Environmental Brown Bag: Birds of the Bayou

Houston native and Stewardship Coordinator of the Armand Bayou Nature Center, Mark Kramer, will inspire you with his knowledge of birds, including egrets and herons. Matt Strausser, JSC's Wildlife Biologist, will also share which species on site are starting to nest.

12:00 – 1:00PM

B12 / Rm. 200-200A

POC: JSC Environmental Office (x36207)

Apr 12th – NASA JSC Green Team Meeting

2:00 – 3:00PM

B30/Collaboration Area

POC: Jeni Morrison

Apr 20th – JSC Earth Day

Celebrate Earth Day at this JSC's Safety, Health, and Environmental Fair! This year's theme for the booths is Zero to Hero: Zero Accidents, Zero Illnesses, Zero Waste.

10:00AM – 1:00PM

Gilruth Center

Apr 23th – Exploration Green Earth Day

Join major players in sustainability from the Bay Area, such as Trees for Houston, HPD Bike Patrol, The Galveston Bay Foundation, Clear Lake City Water Authority, and JSC!

9:00AM – 12:00PM

EG Tree Nursery @ 1721 Neptune Ln., Houston, TX, 77062

FEATURED STORY: *International Celebrations*

Earth Day Birthday!

April 22nd, 1970, marked the first Earth Day, coordinated by then U.S. Senator and Wisconsin native, Gaylord Nelson. After the 1969 Santa Barbara oil spill an effort emerged to raise awareness about the environment, particularly air and water pollution. This built the foundation for the creation of the Environmental Protection Agency later that year, which continues to improve environmental quality today. At least 192 countries have celebrated Earth Day! Come celebrate with JSC on April 20th at the Gilruth!

100 Years Conserving Migratory Birds

Bird's borders are their habitat, so conserving migratory birds takes international cooperation. 2016 marks the Centennial of the Migratory Bird Treaty between the United States and Great Britain (for Canada). Look at JSC's photo of the month for more on the Centennial.

At the Johnson Space Center (JSC)

- Already reduced energy consumption 10% since 2000
- Planting 90% native vegetation, decreasing water needs
- Diverting 50% of trash from landfills through recycling, reuse, and reduction

What are you doing?

- Calculate and reduce your ecological footprint
- Get involved in your community
- What else?

Local News

Re-recycle

For now, Houston recycling will carry on. One major change is the exclusion of glass from curbside pick up. Read about the continuation and change in the [Houston Chronicle](#).



HOW CAN I BE MORE SUSTAINABLE?

Calculate your ecological footprint! How many Earths does it take to sustain your lifestyle if everyone in the world lived like you?

"My goal as the JSC Center Operations Director is to create a working environment where JSC employees feel happy, comfortable, and productive to support our mission. Similarly, my vision for sustainability is that it's something we don't even think about; it's ingrained in our thinking. We just do it."

Joel Walker, JSC Center Sustainability Officer



JSC-Sustainability@mail.NASA.gov